L Number	Hits	Search Text	DB	Time stamp
1	1	(oil with refinery) and (histor$4 with data$4) and (date with workup)	USPAT; US-PGPUB	2003/12/09 11:02
2	2	(oil with refinery) and (histor$4 with data$4) and (start with date with work$6)	USPAT; US-PGPUB	2003/12/09 11:03
5	1	(oil with refinery) and (histor$4 with data$4) and temperature and pressure and (flow near2 rate) and catalyst and validat$3 and (perform$3 with measur$6)	USPAT; US-PGPUB	2003/12/09 11:11
6	1	((oil with refinery) and (histor$4 with data$4) and (date with workup)) and (perform$3 with measur$6)	USPAT; US-PGPUB	2003/12/09 11:11
-	122	performance with petroleum with process$3	USPAT; US-PGPUB	2003/12/05 11:19
-	1	((performance with petroleum with process$3) and monitor$3 and analyz$3) and (histor$4 with data) and (oil with refinery)	USPAT; US-PGPUB	2003/08/06 18:10
-	1	((performance with petroleum with process$3) and monitor$3 and analyz$3) and (histor$4 with data)	USPAT; US-PGPUB	2003/08/04 10:24
-	1	((performance with petroleum with process$3) and monitor$3 and analyz$3) and (histor$4 with data$4)	USPAT; US-PGPUB	2003/08/04 10:24
-	7	(performance with petroleum with process$3) and monitor$3 and analyz$3	USPAT; US-PGPUB	2003/08/04 12:30
-	13	((petroleum with process$3) and monitor$3 and analyz$3) and (histor$4 with data$4) and (oil with refinery)	USPAT; US-PGPUB	2003/08/04 13:31
-	1	(((petroleum with process$3) and monitor$3 and analyz$3) and (histor$4 with data$4) and (oil with refinery)) and workup	USPAT; US-PGPUB	2003/08/04 12:29
-	1	(((petroleum with process$3) and monitor$3 and analyz$3) and (histor$4 with data$4) and (oil with refinery)) and (work adj up)	USPAT; US-PGPUB	2003/08/04 12:30
-	13	(((petroleum with process$3) and monitor$3 and analyz$3) and (histor$4 with data$4) and (oil with refinery)) and performance	USPAT; US-PGPUB	2003/08/04 13:31
-	23	((petroleum with process$3) and monitor$3 and analyz$3) and (workup or (work adj up))	USPAT; US-PGPUB	2003/08/06 16:45
-	4	(((petroleum with process$3) and monitor$3 and analyz$3) and (workup or (work adj up))) and (histor$4 with data$4)	USPAT; US-PGPUB	2003/08/04 13:26
-	8	(((petroleum with process$3) and monitor$3 and analyz$3) and (workup or (work adj up))) and (oil with refinery)	USPAT; US-PGPUB	2003/08/04 18:29
-	13	((((petroleum with process$3) and monitor$3 and analyz$3) and (histor$4 with data$4) and (oil with refinery)) and performance) and program$4	USPAT; US-PGPUB	2003/08/04 18:19
-	5	(program$6 with monitor$3) and (output with perform$6 with process$3) and (oil near2 refinery)	USPAT; US-PGPUB	2003/08/04 18:21
-	4	((program$6 with monitor$3) and (output with perform$6 with process$3) and (oil near2 refinery)) and (histor$4 with data$4)	USPAT; US-PGPUB	2003/08/04 18:22
-	1	(collect$3 with histor$6 with data) and (hydrocarbon with process$3 with unit) and (correct$3 with data) and (perform$6 with (workup or (work adj up)))	USPAT; US-PGPUB	2003/08/05 09:51
-	1	(collect$3 with histor$6 with data) and (monitor$3 with toolset) and (correct$3 with data) and (perform$6 with (workup or (work adj up)))	USPAT; US-PGPUB	2003/08/04 18:35
-	1	(collect$3 with histor$6 with data) and (oil with refinery) and (correct$3 with data) and (perform$6 with (workup or (work adj up)))	USPAT; US-PGPUB	2003/08/04 18:35
-	1	(monitor$3 with toolset) and (analyz$3 with performan$4)	USPAT; US-PGPUB	2003/08/05 09:26
-	12	(monitor$3 with (tool near2 set)) and (analyz$3 with performan$4)	USPAT; US-PGPUB	2003/08/05 09:26
-	0	(((monitor$3 with (tool near2 set)) and (analyz$3 with performan$4)) and (collect$3 with histor$6 with data$4)) and workup	USPAT; US-PGPUB	2003/08/05 09:27

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-		5	(((monitor$3 with (tool near2 set)) and (analyz$3 with performan$4)) and (collect$3 with histor$6 with data$4)) and measur$6	USPAT; US-PGPUB	2003/08/05 09:50
-		0	((((monitor$3 with (tool near2 set)) and (analyz$3 with performan$4)) and (collect$3 with histor$6 with data$4)) and measur$6) and (perform$6 with measur$6)	USPAT; US-PGPUB	2003/08/05 09:28
-		5	((monitor$3 with (tool near2 set)) and (analyz$3 with performan$4)) and (collect$3 with histor$6 with data$4)	USPAT; US-PGPUB	2003/08/05 09:31
-		5	(((monitor$3 with (tool near2 set)) and (analyz$3 with performan$4)) and (collect$3 with histor$6 with data$4)) and program$4	USPAT; US-PGPUB	2003/08/05 09:36
-		0	((((monitor$3 with (tool near2 set)) and (analyz$3 with performan$4)) and (collect$3 with histor$6 with data$4)) and measur$6) and (oil with refinery)	USPAT; US-PGPUB	2003/08/05 09:36
-		0	(((monitor$3 with (tool near2 set)) and (analyz$3 with performan$4)) and (collect$3 with histor$6 with data$4)) and (oil with refinery)	USPAT; US-PGPUB	2003/08/05 09:51
-		3	(collect$3 with histor$6 with data$4) and (oil with refinery) and (analyz$3 with performan$4)	USPAT; US-PGPUB	2003/08/05 09:53
-		1	((collect$3 with histor$6 with data$4) and (oil with refinery) and (analyz$3 with performan$4)) and (process$3 with database)	USPAT; US-PGPUB	2003/08/05 09:53
-		3	((collect$3 with histor$6 with data$4) and (oil with refinery) and (analyz$3 with performan$4)) and (computer or microcomputer or CPU or processor)	USPAT; US-PGPUB	2003/08/05 11:03
-		2093	petroleum near3 processing	USPAT; US-PGPUB	2003/08/05 11:03
-		8	(petroleum near3 processing) and (analyz$3 with perform$6 with process$4)	USPAT; US-PGPUB	2003/08/06 14:53
-		3	((petroleum near3 processing) and (analyz$3 with perform$6 with process$4)) and (histor$4 with data$4)	USPAT; US-PGPUB	2003/08/05 11:08
-		0	(((monitor$3 with (tool near2 set)) and (analyz$3 with performan$4)) and (collect$3 with histor$6 with data$4)) and (output with measur$6)	USPAT; US-PGPUB	2003/08/05 11:09
-		1	(((petroleum near3 processing) and (analyz$3 with perform$6 with process$4)) and (histor$4 with data$4)) and (output$3 with measur$6)	USPAT; US-PGPUB	2003/08/05 11:09
-		3	(((petroleum near3 processing) and (analyz$3 with perform$6 with process$4)) and (histor$4 with data$4)) and (output$3 same measur$6)	USPAT; US-PGPUB	2003/08/06 11:17
-		1	((histor$6 with data$4) same temperatures same pressures same (flow with rates)) and (catalyst with loading) and (start with date) and (stop with date)	USPAT; US-PGPUB	2003/08/06 11:23
-		1	(histor$6 with data$4) and temperatures and pressures and (flow with rates) and (catalyst with loading) and (start with date) and (stop with date)	USPAT; US-PGPUB	2003/08/06 11:27
-		1	(process$3 with data) and temperatures and pressures and (flow with rates) and (catalyst with loading) and (start with date) and (stop with date)	USPAT; US-PGPUB	2003/08/06 13:15
-		1	(process$3 with data) and (catalyst with loading) and (start with date) and (stop with date)	USPAT; US-PGPUB	2003/08/06 13:16
-		1	(petroleum near3 processing) and (analyz$3 with perform$6 with process$4)and (map$6 with table)	USPAT; US-PGPUB	2003/08/06 14:54
-		291	(analyz$3 with perform$6 with process$4)and (map$6 with table)	USPAT; US-PGPUB	2003/08/06 15:00

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-		1	((analyz\$3 with perform\$6 with process\$4)and (map\$6 with table)) and definition and (master with control with information) and identify and collect\$3 and transpos\$3	USPAT; US-PGPUB	2003/08/06 14:57
-		1	((analyz\$3 with perform\$6 with process\$4)and (map\$6 with table)) and definition and (master with control with information)	USPAT; US-PGPUB	2003/08/06 14:56
-		1	((analyz\$3 with perform\$6 with process\$4)and (map\$6 with table)) and definition and (control with information) and identify and collect\$3 and transpos\$3	USPAT; US-PGPUB	2003/08/06 14:57
-		1	(analyz\$3 with perform\$6 with process\$4) and (balance with window) and (start\$3 with time with window) and (end\$3 with time with window)	USPAT; US-PGPUB	2003/08/06 16:37
-		1	(analyz\$3 with perform\$6 with process\$4) and (calculation with modules) and sub-modules and (different with process with units)	USPAT; US-PGPUB	2003/08/06 16:40
-		1	((analyz\$3 with perform\$6 with process\$4) and filter\$3 and damp\$3 and averag\$3 and statistical and principle) and (process\$3 with run\$3 with rule)	USPAT; US-PGPUB	2003/08/06 16:43
-		22	(analyz\$3 with perform\$6 with process\$4) and filter\$3 and damp\$3 and averag\$3 and statistical and principle	USPAT; US-PGPUB	2003/08/06 16:51
-		1	((analyz\$3 with perform\$6 with process\$4) and filter\$3 and damp\$3 and averag\$3 and statistical and principle) and (petroleum with process\$3)	USPAT; US-PGPUB	2003/08/06 16:46
-		1	((analyz\$3 with perform\$6 with process\$4) and filter\$3 and damp\$3 and averag\$3 and statistical and principle) and (data with validation)	USPAT; US-PGPUB	2003/08/06 16:46
-		2	(analyz\$3 with perform\$6 with process\$4) and (different with condition) and (optimum with operat\$3 with point)	USPAT; US-PGPUB	2003/08/06 17:03
-		37	(analyz\$3 with perform\$6 with process\$4) and (different with condition) and (optimum with operat\$3)	USPAT; US-PGPUB	2003/08/06 17:45
-		1	((analyz\$3 with perform\$6 with process\$4) and (different with condition) and (optimum with operat\$3)) and (model with execut\$3)	USPAT; US-PGPUB	2003/08/06 19:24
-		1	(analyz\$3 with perform\$6 with process\$4) and (execut\$3 same ((different with condition) or (different with model)) same (optimum with operat\$3))	USPAT; US-PGPUB	2003/08/06 17:55
-		13	(analyz\$3 with perform\$6 with process\$4) and (tun\$3 with model) and (accuracy with model)	USPAT; US-PGPUB	2003/08/06 17:57
-		5	((analyz\$3 with perform\$6 with process\$4) and (tun\$3 with model) and (accuracy with model)) and (histor\$6 with data\$4)	USPAT; US-PGPUB	2003/08/06 17:57
-		1	((performance with petroleum with process\$3) and distillation and blend\$3 and (flash with zone)) and (different with crude) and hydraulic	USPAT; US-PGPUB	2003/08/06 19:24
-		1	((performance with petroleum with process\$3) and distillation and blend\$3 and (flash with zone)) and (different with crude)	USPAT; US-PGPUB	2003/08/06 18:13
-		1	((performance with petroleum with process\$3) and distillation and blend\$3 and (flash with zone)) and hydraulic	USPAT; US-PGPUB	2003/08/06 18:13
-		11	(performance with petroleum with process\$3) and distillation and blend\$3 and (flash with zone)	USPAT; US-PGPUB	2003/08/06 18:53
-		27	(performance with petroleum with process\$3) and equation and (petroleum with process\$3)	USPAT; US-PGPUB	2003/08/06 18:55
-		2	((performance with petroleum with process\$3) and equation and (petroleum with process\$3)) and (equation with data)	USPAT; US-PGPUB	2003/08/06 19:14
-		1	(petroleum with processing with unit) and (reforming with unit) and equations and (catalyst with performance) and (recycle with gas with quantity)	USPAT; US-PGPUB	2003/08/06 19:11
-		1	((702/\$.ccls. or 700/\$.ccls.) and (perform\$4 with process\$3) and (oil with refinery) and (histor\$4 with data\$4)) and workup	USPAT; US-PGPUB	2003/12/05 13:11

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-	0	((702/$.ccls. or 700/$.ccls.) and (perform$4 with process$3) and (oil with refinery) and (histor$4 with data$4)) and (work with perform$4) and stor$3	USPAT; US-PGPUB	2003/08/06 19:18
-	0	((702/$.ccls. or 700/$.ccls.) and (perform$4 with process$3) and (oil with refinery) and (histor$4 with data$4)) and (work with perform$4)	USPAT; US-PGPUB	2003/08/06 19:18
-	11	((702/$.ccls. or 700/$.ccls.) and (perform$4 with process$3) and (oil with refinery) and (histor$4 with data$4)) and (output with measur$6)and stor$3	USPAT; US-PGPUB	2003/08/06 19:19
-	4	(((702/$.ccls. or 700/$.ccls.) and (perform$4 with process$3) and (oil with refinery) and (histor$4 with data$4)) and (output with measur$6)and stor$3) and (stor$3 with result with process$3)	USPAT; US-PGPUB	2003/08/06 19:20
-	1	((((702/$.ccls. or 700/$.ccls.) and (perform$4 with process$3) and (oil with refinery) and (histor$4 with data$4)) and (output with measur$6)and stor$3) and (stor$3 with result with process$3)) and (model with execut$3)	USPAT; US-PGPUB	2003/08/06 19:24
-	1	((((702/$.ccls. or 700/$.ccls.) and (perform$4 with process$3) and (oil with refinery) and (histor$4 with data$4)) and (output with measur$6)and stor$3) and (stor$3 with result with process$3)) and (different with crude) and hydraulic	USPAT; US-PGPUB	2003/08/06 19:25
-	0	(performance with petroleum with process$3) and (histor$6 with data) and (catalyst with load$3)	USPAT; US-PGPUB	2003/12/05 11:21
-	1	(performance with petroleum with process$3) and (histor$6 with data) and (catalyst with load$4)	USPAT; US-PGPUB	2003/12/05 11:26
-	3	(performance with petroleum with process$3) and (histor$6 with data)	USPAT; US-PGPUB	2003/12/05 11:27
-	1	((performance with petroleum with process$3) and (histor$6 with data)) and date$1	USPAT; US-PGPUB	2003/12/05 11:28
-	0	(collect$3 with histor$6 with data) same (oild with refinery)	USPAT; US-PGPUB	2003/12/05 11:29
-	1	(collect$3 with histor$6 with data) same (oil with refinery)	USPAT; US-PGPUB	2003/12/05 11:33
-	3	(histor$6 with data) same (oil with refinery)	USPAT; US-PGPUB	2003/12/05 11:34
-	86	(oil with refinery) and (histor$4 with data$4)	USPAT; US-PGPUB	2003/12/05 11:36
-	3	((oil with refinery) and (histor$4 with data$4)) and temperature and pressure and (flow near2 rate) and (catalyst with load$4) and date$1	USPAT; US-PGPUB	2003/12/05 11:48
-	1	(((oil with refinery) and (histor$4 with data$4)) and temperature and pressure and (flow near2 rate) and (catalyst with load$4) and date$1) and (perform$3 with workup)	USPAT; US-PGPUB	2003/12/05 11:39
-	1	((oil with refinery) and (histor$4 with data$4)) and temperature and pressure and (flow near2 rate) and catalyst and workup and date$1	USPAT; US-PGPUB	2003/12/05 11:49
-	3	((oil with refinery) and (histor$4 with data$4)) and temperature and pressure and (flow near2 rate) and catalyst and date$1	USPAT; US-PGPUB	2003/12/05 11:51
-	3	(((oil with refinery) and (histor$4 with data$4)) and temperature and pressure and (flow near2 rate) and catalyst and date$1) and measur$6 and perform$6	USPAT; US-PGPUB	2003/12/05 12:48
-	0	60/269231	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/05 11:56
-	0	(((oil with refinery) and (histor$4 with data$4)) and temperature and pressure and (flow near2 rate) and catalyst and date$1) and measur$6 and perform$6 and pretroleum	USPAT; US-PGPUB	2003/12/05 12:28

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-	3	(((oil with refinery) and (histor$4 with data$4)) and temperature and pressure and (flow near2 rate) and catalyst and date$1) and measur$6 and perform$6 and petroleum	USPAT; US-PGPUB	2003/12/05 12:32
-	1	((((oil with refinery) and (histor$4 with data$4)) and temperature and pressure and (flow near2 rate) and catalyst and date$1) and measur$6 and perform$6 and petroleum) and (start$3 with date$1)	USPAT; US-PGPUB	2003/12/05 14:21
-	26	(702/$.ccls. or 700/$.ccls.) and (perform$4 with process$3) and (oil with refinery) and (histor$4 with data$4)	USPAT; US-PGPUB	2003/12/05 13:04
-	1	5107441.pn.	USPAT; US-PGPUB	2003/12/05 13:11
-	2	(oil with refinery) and (histor$4 with data$4) and temperature and pressure and (flow near2 rate) and catalyst and validat$3	USPAT; US-PGPUB	2003/12/09 11:10

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